

The article is issued in the form of presentation presented at symposium

A new generation antioxidants for critical care medicine.

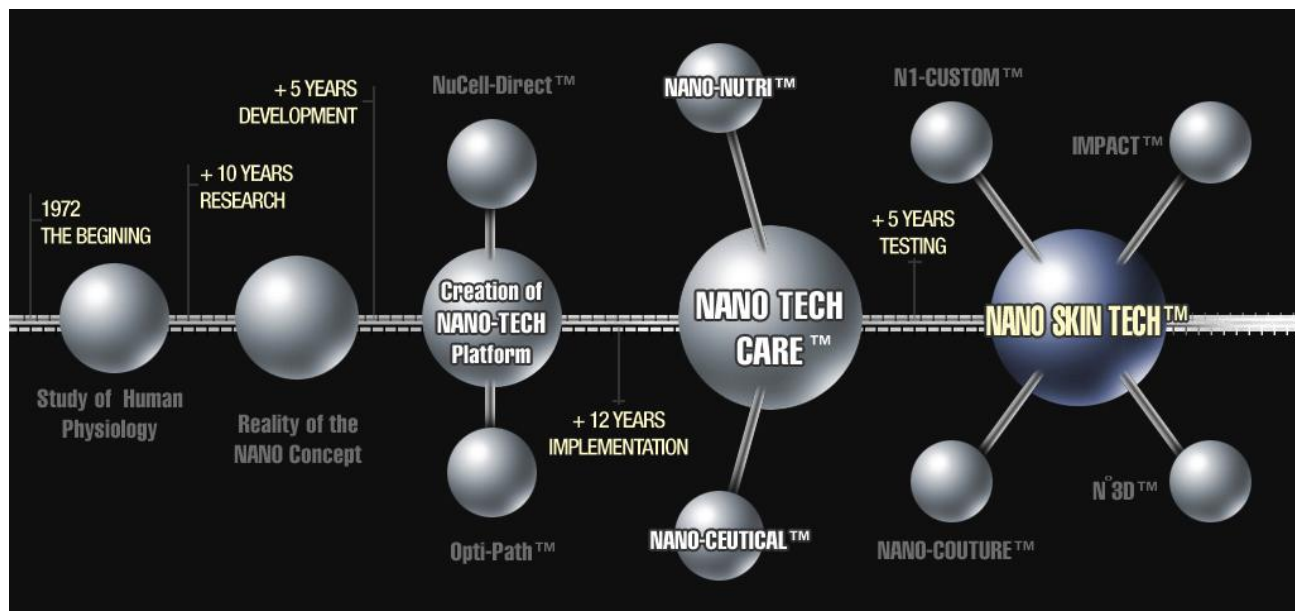
V.Sepper, Zv.Kheladze, (New-York, USA-Tbilisi, Georgia)

Presented here are the results of using antioxidants prepared on the base of nanotechnology. 36 patients were studied in the main group and 16 patients in the control group. Duration of treatment was 3-90 days. Research was conducted by double blind method. Continuation of research is indicated.

Key words: new, antioxidants, medicine.

What is behind OXITREL formula?

Science + Technology



BIONOVA leading the way

Science

Nano-Complexes™

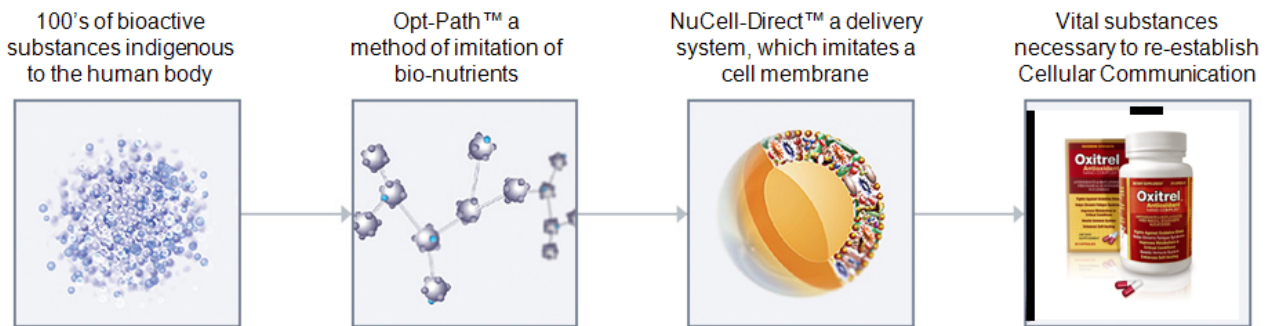
Triggers the self-healing processes by using two proprietary Nano- technological inventions:

Opti-Path™ - a method of imitating bio-nutrients that exist in the human body.

NuCell-Direct™ - a delivery system, which is a precise imitation of a human cell membrane.

Opti-Path™

Nanotechnological approach that restores communication within and between cells

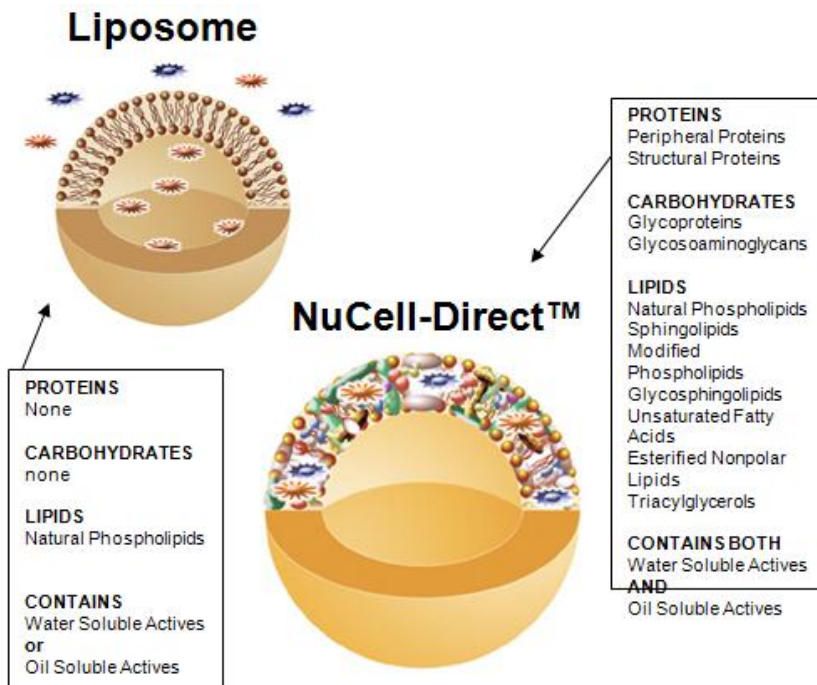


Opti-Path™ technology allows to assemble Nano-Complexes™ and are formulated to contain all the necessary active substances to restore normal function of a specific metabolic pathway.

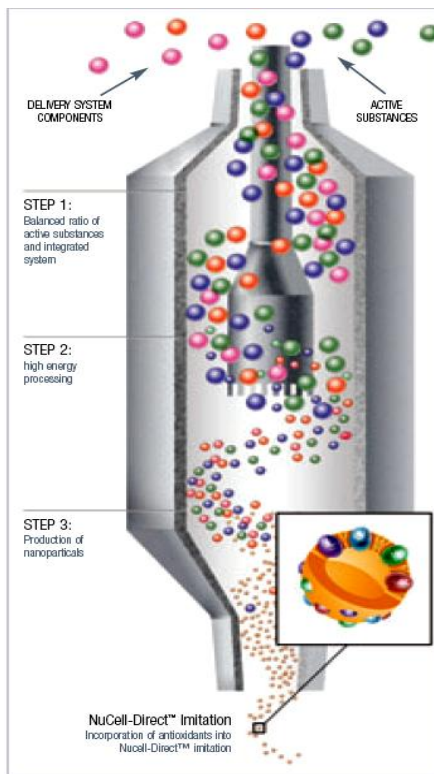
NuCell-Direct™

A powerful stabilizer of unstable substances, naturally present in living organisms.

The powerful features of NuCell-Direct™ effectively make the Liposome delivery system obsolete (Currently used by pharmaceutical, nutritional, and skin care industries).



NuCell-Direct™ imitates the cell's own design and provides a unique and effective system for the delivery of active ingredients across the cell membrane.



Technology

OXITREL™



MAXIMUM STRENGTH

Oxitrel™
Antioxidant
NANO-COMPLEX™

ANTIOXIDANTS & BIOFLAVONOIDS / FREE RADICAL SCAVENGERS / NUCLEOSIDES

benefits of oxitrel™ antioxidants

Numerous scientific studies have concluded that by consuming foods and supplements, which are rich in antioxidant properties, the incidence of diseases associated with the consequences of Free Radical oxidation can be reduced. This does not mean that these diseases can be cured, treated or prevented. Rather, it means that in scientific studies, people who consumed significant levels of antioxidants had lower incidences of these diseases including:

- prostate cancer
- skin cancer
- colon/rectal cancer
- heart disease
- congestive heart failure
- stroke
- alcohol induced apoptosis or (literally, cell death common in alcoholics)
- advanced macular degeneration (amd)
- multiple dysfunctions, like chronic stress, reduce symptoms of many chronic diseases

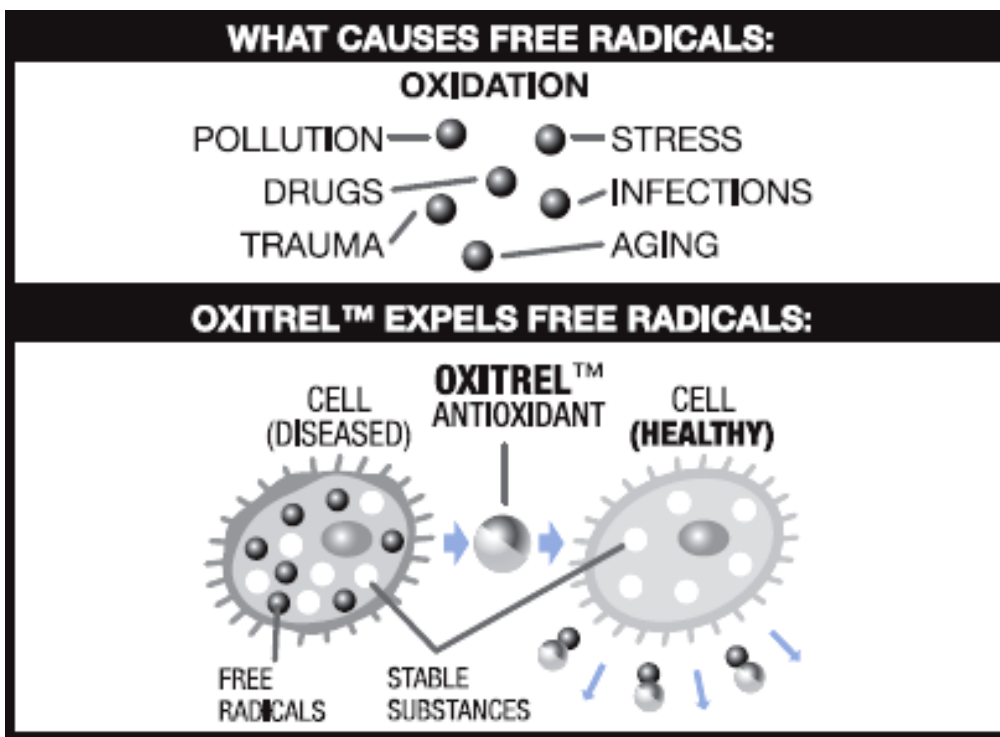
OXITREL™ antioxidant complex also:

- improves metabolism in critical conditions
- fights against oxidative stress
- alleviates symptoms of chronic dysfunctions
- boost immune system
- enhances self-healing

The key to good health is to maintain the right balance between antioxidants and free radicals, which can be accomplished by effective antioxidant complex:

- OXITREL™ is Best Weapon Against Toxic Free Radicals.
- OXITREL™ is rapidly absorbed and quickly distributed throughout the body.
- OXITREL™'s protective effects are multiplied in the body - while it provides its own, powerful antioxidant protection, it also supports the dynamic interplay between other antioxidants in the body.
- OXITREL™ reducing the potential for free radical damage and the ravages of aging.

How OXITREL™ works



- Fights against oxidative stress
- Supports body's natural defense system against the adverse effects of free radicals
- Helps chronic fatigue syndrome
- Improves metabolism in critical conditions
- Boosts immune system

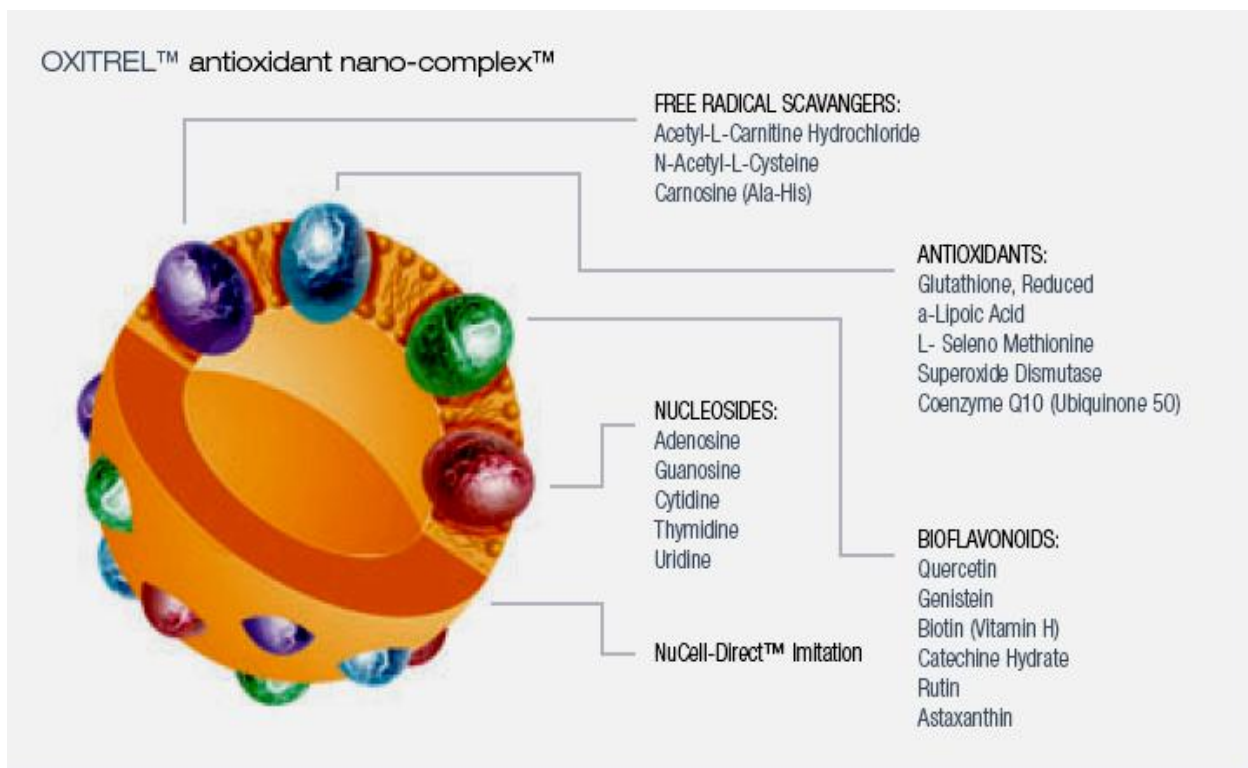
- Enhances self-healing

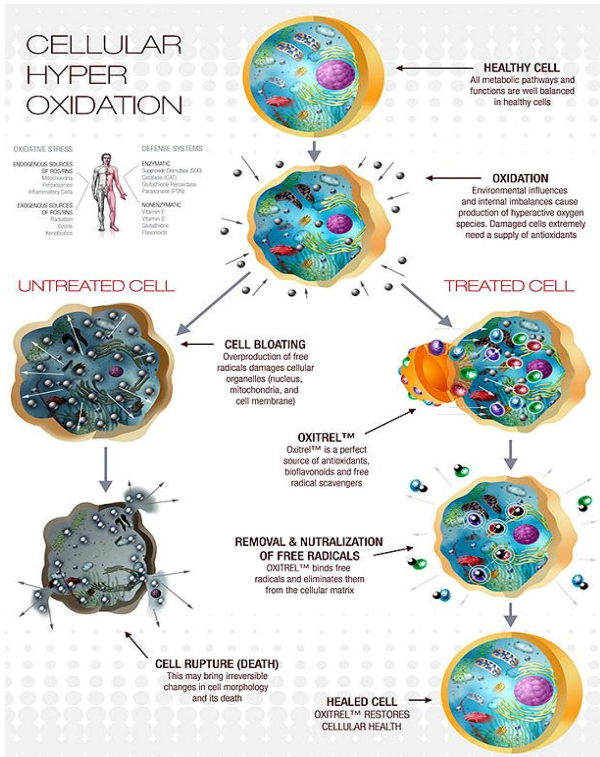
Product composition

OXITREL™ is a complex of biologically active substances functioning synergistically and composed of following multi-component nano-systems:

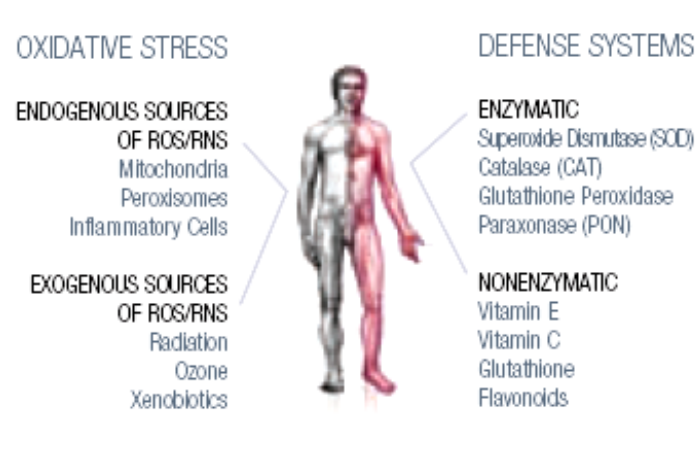
- NANO-COMPLEX™ of anti-free radical scavengers (Extra-Cellular & Cellular Levels)
- NANO-COMPLEX™ of antioxidants (Specific Bioflavonoids; Peptide Antioxidants; Caratenoids; Trace Elements)
- NANO-COMPLEX™ of nucleosides
- INTEGRATED SYSTEM: Imitation of NuCell Direct™ delivery system

Nanotechnological approach





Science in action



Customization

- Improves metabolism in critical conditions
- Fights against oxidative stress
- Alleviates symptoms of chronic dysfunctions
- Boost immune system
- Enhances self-healing

OXITREL™ use

- Skin cancer
- Prostate cancer
- Colon/rectal cancer
- Heart disease
- Congestive heart failure
- Stroke
- Alcohol induced apoptosis
- Advanced macular degeneration (AMD)
- Multiple dysfunctions, like chronic stress and chronic fatigue syndrome

ახალი თაობის ანტიოქსიდანტები კრიტიკული მედიცინისათვის.
გ.სეპპერი. ზგ.ხელაძე (ნიუ-იორკი, აშშ. თბილისი, საქართველო)

მოტანილია ნანოტექნოლოგიის საფუძველზე მომზადებული ანტიოქსიდანტის გამოყენების შედეგები კრიტიკულ მედიცინაში. შესწავლილია 36 პაციენტი ძირითად ჯგუფში, ხოლო საკონტროლო ჯგუფში 16 პაციენტი. მკურნალობა გრძელდებოდა 3-90 დღე. კვლევა ჩატარებულია ორმაგი ბრმა მეთოდით. მიუთითებენ შემდგომი კვლევების გაგრძელების აუცილებლობას.

გასაღები სიტყვები: ახალი, ანტიოქსიდანტი, მედიცინა.